



Please place a plus sign (+) inside this box →



170 SP 1-A 1-1-1

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/803,231
				Filing Date	March 17, 2004
				First Named Inventor	Shigeaki YAMANAKA et al
				Group Art Unit	3725
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	04132/LH

U.S. PATENT DOCUMENTS

Exam. Initia ¹	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
PMB PMB PMB		2,593,730	A	CORNELL	04-22-1952	
		4,580,431	A	OKU et al	04-08-1986	
		5,419,217	A	UMEZAWA et al	05-30-1995	

FOREIGN PATENT DOCUMENTS

Exam. Initia ¹	Cite No ¹	Offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
PMB PMB PMB		DE	42 14 268	C1	PRAEWEMA WERKZEUGMASHINEN- FABR.	01-05-1994		
		FR	2 343 534	A	JEAN PERRIER	10-07-1977		
		GB	836,706	A	KABEL UND METALLWERKE NEUMEYER	06-09-1960		

Examiner Signature	<i>Teresa M. Bonk</i>	Date Considered	3/17/06
--------------------	-----------------------	-----------------	---------

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ See kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WFO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WFO Standard ST. 16 if possible. ⁷ Place a check here if English translation is attached.

DATE MAILED: January 6, 2005



Substitute for Form 1449A/ETO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/803231
				Filing Date	March 17, 2004
				First Named Inventor	Shigenori YAMANAKA et al
				Group Art Unit	3725
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	04132/LH

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
YMB		PATENT ABSTRACTS OF JAPAN, Vol. 0120, No. 04 (M-657), 8 January 1988 (1988-01-08) and JP 62-168626 A (YAMAHA MOTOR CO. LTD.), 24 July 1987 (1987-07-24) - Abstract, Fig. 5.	
YMB		PATENT ABSTRACTS OF JAPAN, Vol. 1996, No. 12, 26 December 1996 (1996-12-26) and JP 08-197184 A (SEKIGUCHI SANGYO KK), 6 August 1996 (1996-08-06) - Abstract.	
YMB		PATENT ABSTRACTS OF JAPAN, Vol. 1997, No. 06, 30 June 1997 (1997-06-30) and JP 09-047838 A (MUSASHI SEIMITSU IND. CO. LTD.), 18 February 1997 (1997-02-18) - Abstract, Figures.	
YMB		PATENT ABSTRACTS OF JAPAN, Vol. 2002, No. 11, 6 November 2002 (2002-11-06) and JP 2002-195244 A (SOMIC ISHIKAWA INC.), 10 July 2002 (2002-07-10) - Abstract.	
Examiner Signature		<i>Jeresa M. Benk</i>	Date Considered
			3/17/06

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Place a check here if English translation is attached.

DATE MAILED: January 6, 2005

mpo
3-17-04

Please type a plus sign (+) inside this box →

+

PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	Not Yet Assigned 10/80323
				Filing Date	Concurrently Herewith
				First Named Inventor	S. Yamanaka et al.
				Group Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	04123/LH

U.S. PATENT DOCUMENTS

Exam. Inits ¹	Cite No ²	Document Number	Kind Code ³	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

FOREIGN PATENT DOCUMENTS

Exam Inits ¹	Cite No ²	offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
PMB	A	JP	2001-334317 *English Language Abstract attached.	A	JAPAN SCIENCE & TECHNOLOGY CORP	12-04-2001		X*

Examiner Signature	<i>Prusam Bank</i>	Date Considered	3/17/06
--------------------	--------------------	-----------------	---------

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ See kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ^{*} Place a check here if English translation is attached.

DATE MAILED: March 17, 2004